USB 2.0 Gigabit Network Adapter

Model # AGIGAUSB

User's Manual

Ver. 1A

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Table of Contents

Introduction 4
Package Contents 4
Specifications 4
Network Specification 4
Host Interface 4
Supported operating systems 4
LED Indicators 4
Power Requirement 5
EMC Certification 5
Installation 6
Verify Driver Installation 12
Technical Support 14

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REGULATORY STATEMENTS
FCC Certification
Part15, Class B

The United States Federal Communication Commission (FCC) and the Canadian Department of Communications have established certain rules governing the use of electronic equipment.

FCC Part 15 Registration

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

- This device may not cause harmful interface, and
- This device must accept any interface received, including interface that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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Introduction

The **USB 2.0 Gigabit Network Adapter** (hereafter referred to as the Gigabit Adapter) is specifically designed to plug into any available Universal Serial Bus port of a desktop or laptop PC. The Gigabit Adapter is for users who wish to connect to a 10Mbps, 100Mbps or 1000Mbps Fast Ethernet LAN using the convenience and ease of USB technology.

The Gigabit Adapter complies with USB Specification 1.0/1.1/2.0. It uses an USB type B connector to connect directly to the USB host computer and a RJ-45 connector provides a quick and simple method of connecting to an Ethernet or Fast Ethernet network.

This low power-consuming device draws power from the host USB bus directly, so no external power supply is required. Simply connect the USB port of this device to the computer and plug a standard twisted-pair Ethernet cable into the RJ-45 port, and you'll be networked in no time. This device offers a simple way to connect to your network.

Package Contents

- Gigabit Network Adapter
- USB 2.0 Cable
- Driver CD
- Quick Installation Guide

Specifications

Network Specification

- IEEE802.3 10BaseT, 802.3u 100BaseTX and 802.3ab 1000Base-T.
- Cat3/Cat5 UTP cable up to 328ft/100M.

Host Interface

- High-power Bus-powered from USB HOST or HUB, no external power needed.
- Full Speed/High Speed USB device, upstream B USB port.

Supported operating systems

- Windows 2000/XP

LED Indicators

- Link: When the device is well-connected to the computer, the Link LED will appear as solid green.
- TX/RX: 10/100/Gigabit linking status

10Mbps: Appears as solid orange + green when the device is connected to 10Mbps network; blinking orange + green when transmitting data.

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100Mbps: Appears as solid orange when the device is connected to 100Mbps network; blinking orange when transmitting data.

Gigabit: Appears as solid green, when the device is connected to Gigabit network; blinking green when transmitting data.

Power Requirement

Operating Voltage: 5V DC
Operation Mode: 425mA (Max)
Physical specification
Dimension: 3.2"(L) x 2.2"(W) x1" (H)

EMC Certification

- FCC Part15 ClassB
- CE
- VCCI

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Installation

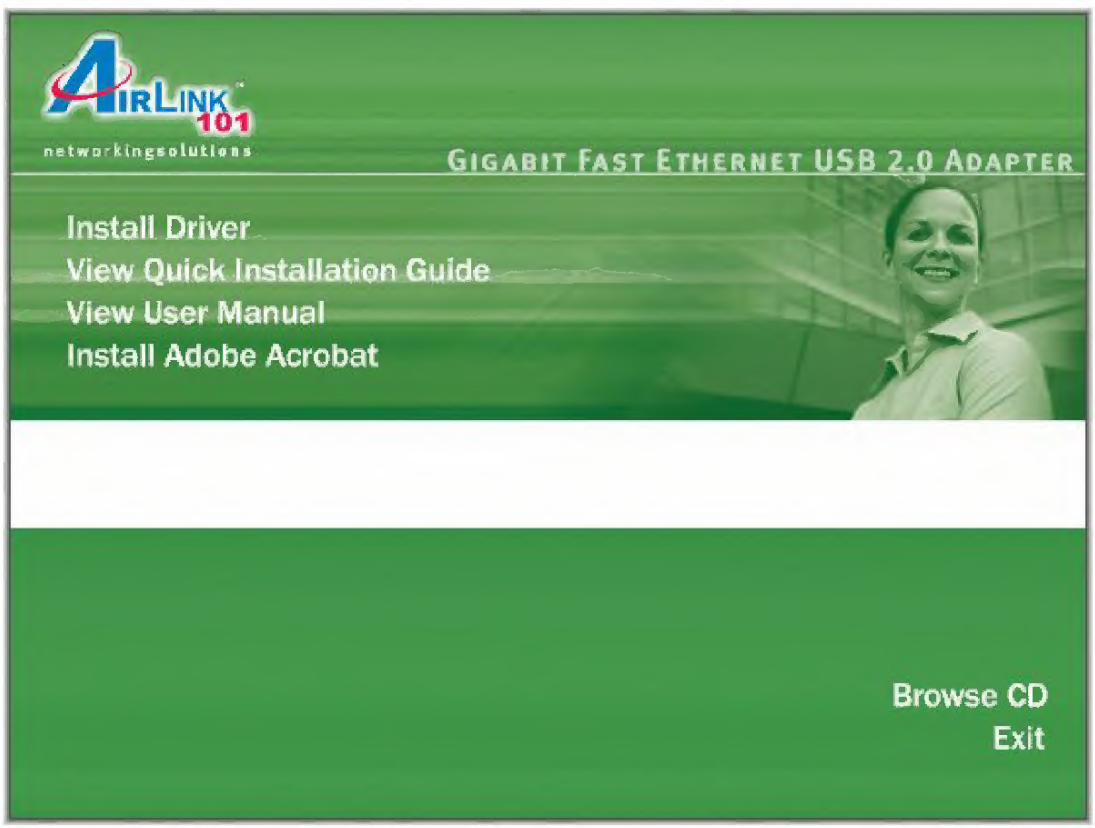
The following steps and screen shots are for Windows XP. Steps for Windows 2000 are similar unless noted otherwise.

Note: **Do not** connect the USB 2.0 Gigabit Network Adapter to your computer until you've reached the appointed step. If the Gigabit Adapter is connected already, Windows will detect the Adapter and request for a driver. Click **Cancel** to quit the wizard and remove the Gigabit Adapter from your computer.

Step 1 Insert the Driver CD into your CD drive and wait for the autorun window to appear on screen.

Step 2 Click on **Install Driver** at the autorun window.

Note: If the autorun window doesn't appear automatically go to **Start**, **Run**, and type **D:\autorun.exe** (where **D** is the letter of your CD drive) and click **OK**.



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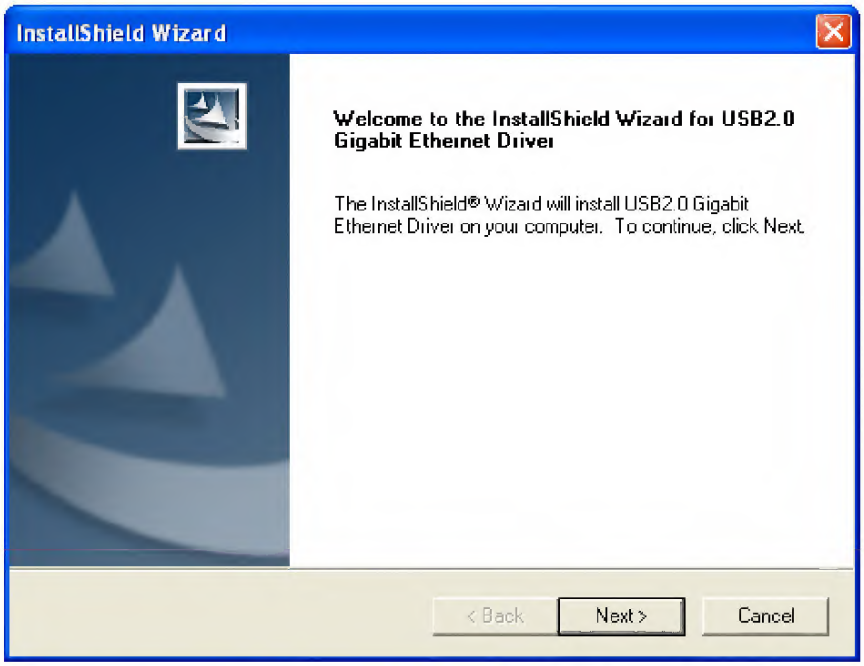
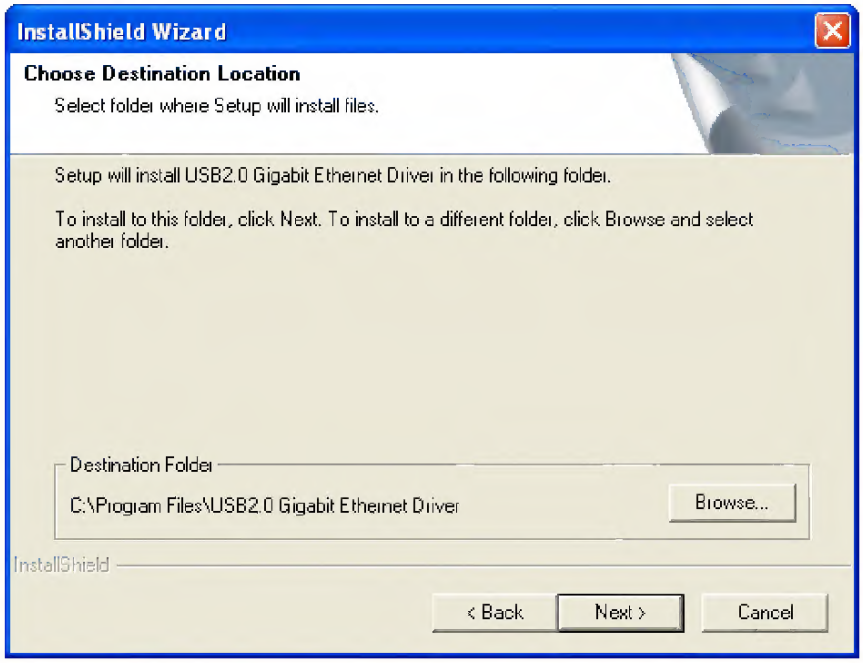
Step 3 Click **Next** at the welcome screen.


InstallShield Wizard
Welcome to the InstallShield Wizard for USB2.0 Gigabit Ethernet Driver
The InstallShield® Wizard will install USB2.0 Gigabit Ethernet Driver on your computer. To continue, click Next.
< Back
Next >
Cancel

Step 4 Click **Next** to accept the default destination location for the driver to be installed in or click **Browse** to select the desired location.


InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install USB2.0 Gigabit Ethernet Driver in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\USB2.0 Gigabit Ethernet Driver
Browse...
InstallShield
< Back
Next >
Cancel

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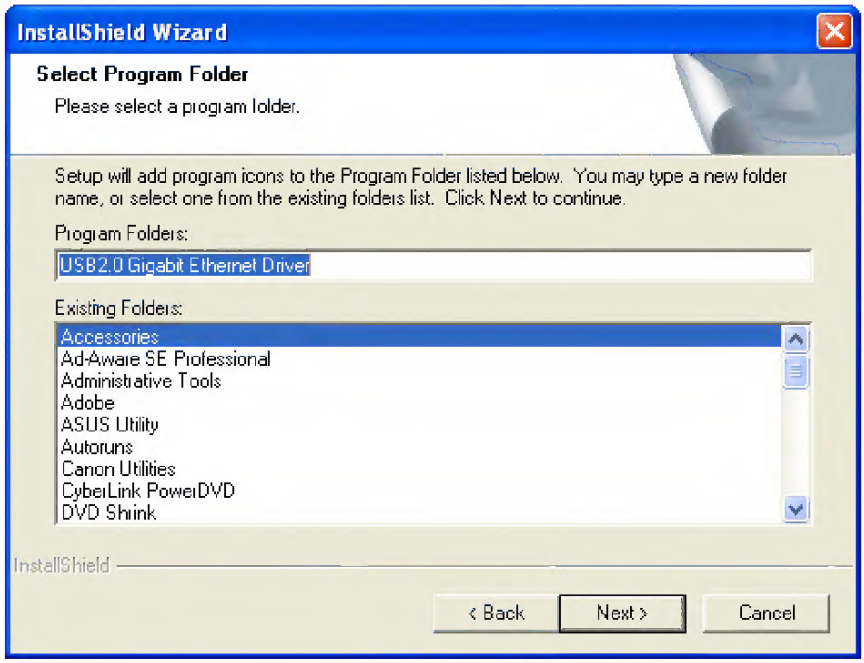
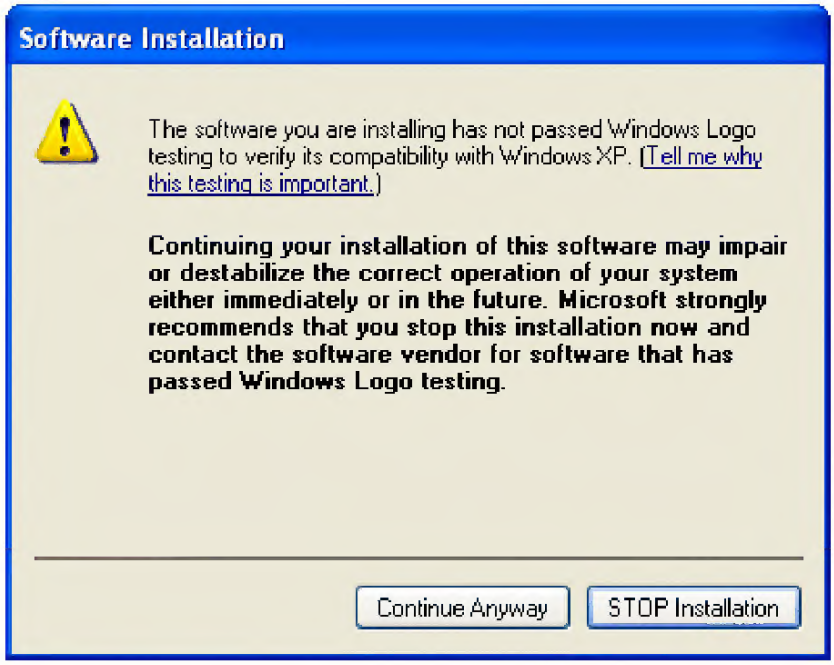
Step 5 Click **Next** to accept the Program Folder for the driver.



Step 6 Click **Continue Anyway** at the Windows Logo Testing prompt.
(For Windows 2000, click **Yes** at the Digital Signature Not Found prompt).


Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

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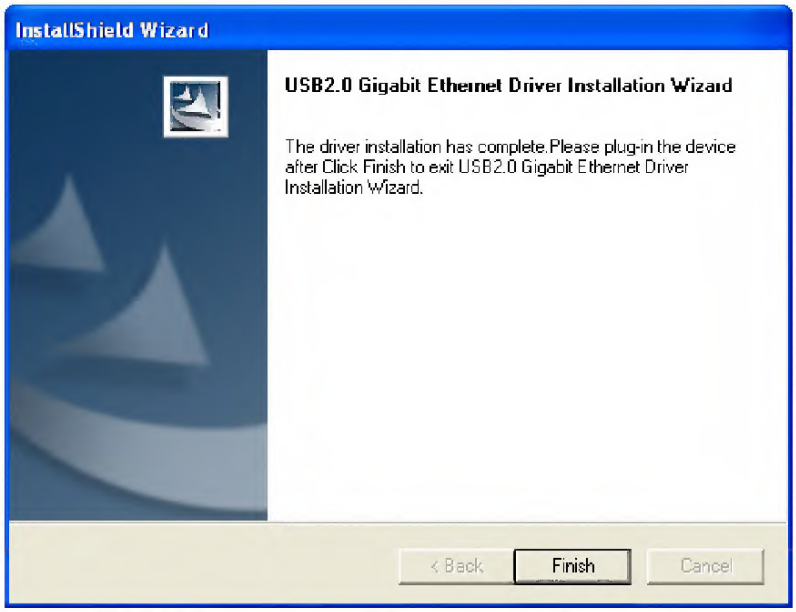
Step 7 Click **Finish** to complete the installation wizard.


InstallShield Wizard
USB2.0 Gigabit Ethernet Driver Installation Wizard
The driver installation has complete.Please plug-in the device after Click Finish to exit USB2.0 Gigabit Ethernet Driver Installation Wizard.
< Back
Finish
Cancel

Step 8 Connect one end of the Gigabit Network Adapter to your computer's USB port and connect the other end to a hub/switch/router.

Step 9 At the **Found New Hardware Wizard** window, select **No, not this time** and click **Next**.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

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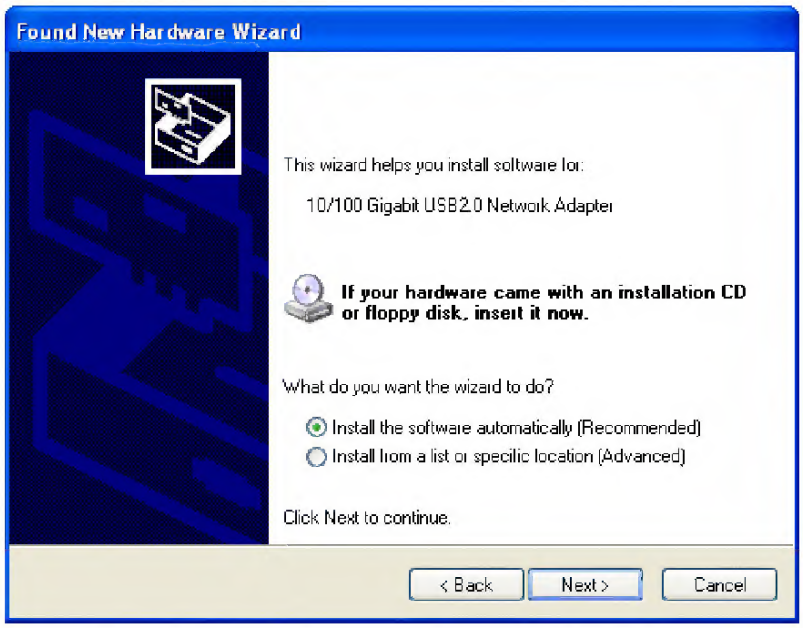
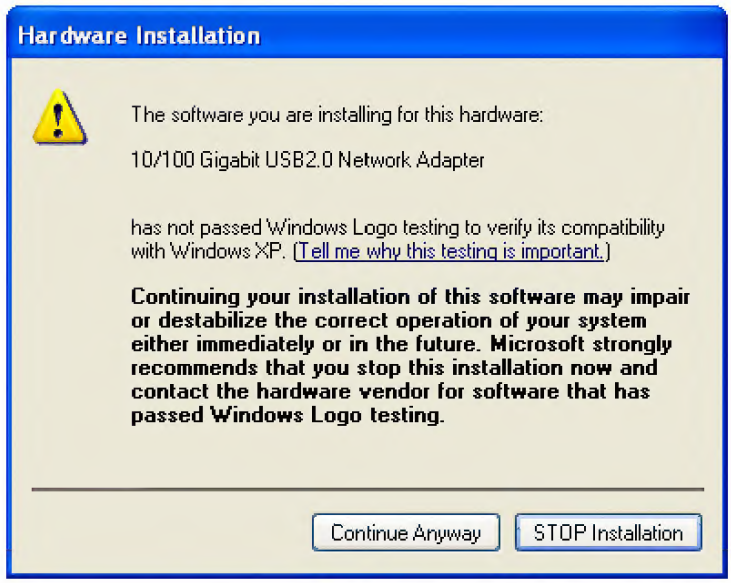
Step 10 Select **Install the software automatically (Recommended)** and click **Next**.


Found New Hardware Wizard
This wizard helps you install software for:
10/100 Gigabit USB2.0 Network Adapter
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

For Windows 2000, select **Search for a suitable driver for my device (Recommended)** and click **Next**. Then check on the **CD-ROM drives** check box and click **Next**.

Step 11 Click **Continue Anyway** at the Windows Logo Testing prompt.
(For Windows 2000, click **Yes** at the Digital Signature Not Found prompt).


Hardware Installation
The software you are installing for this hardware:
10/100 Gigabit USB2.0 Network Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

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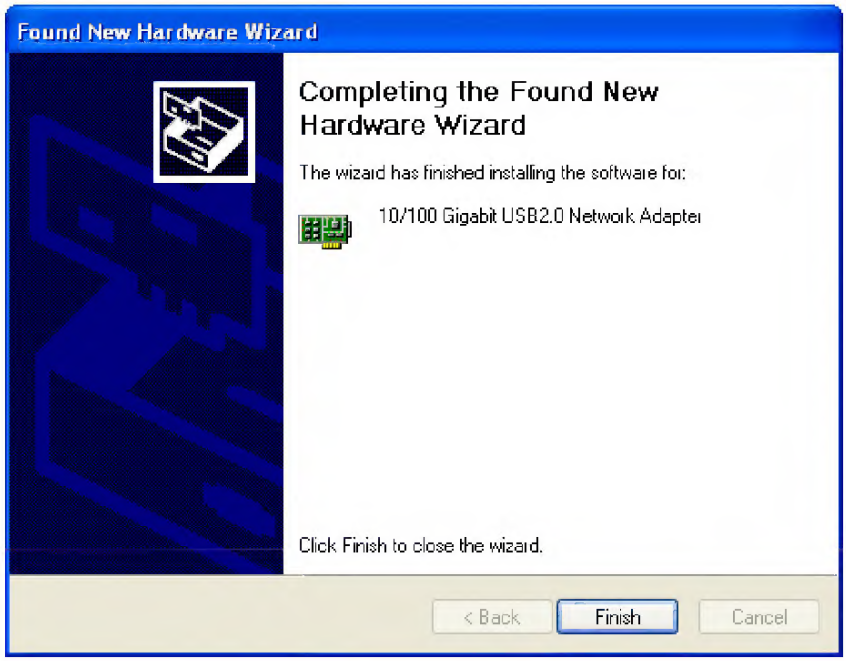
Step 12 Click **Finish** to complete the installation.


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
10/100 Gigabit USB2.0 Network Adapter
Click Finish to close the wizard.
< Back
Finish
Cancel

Step 13 Restart your computer to activate the Gigabit Network Adapter.

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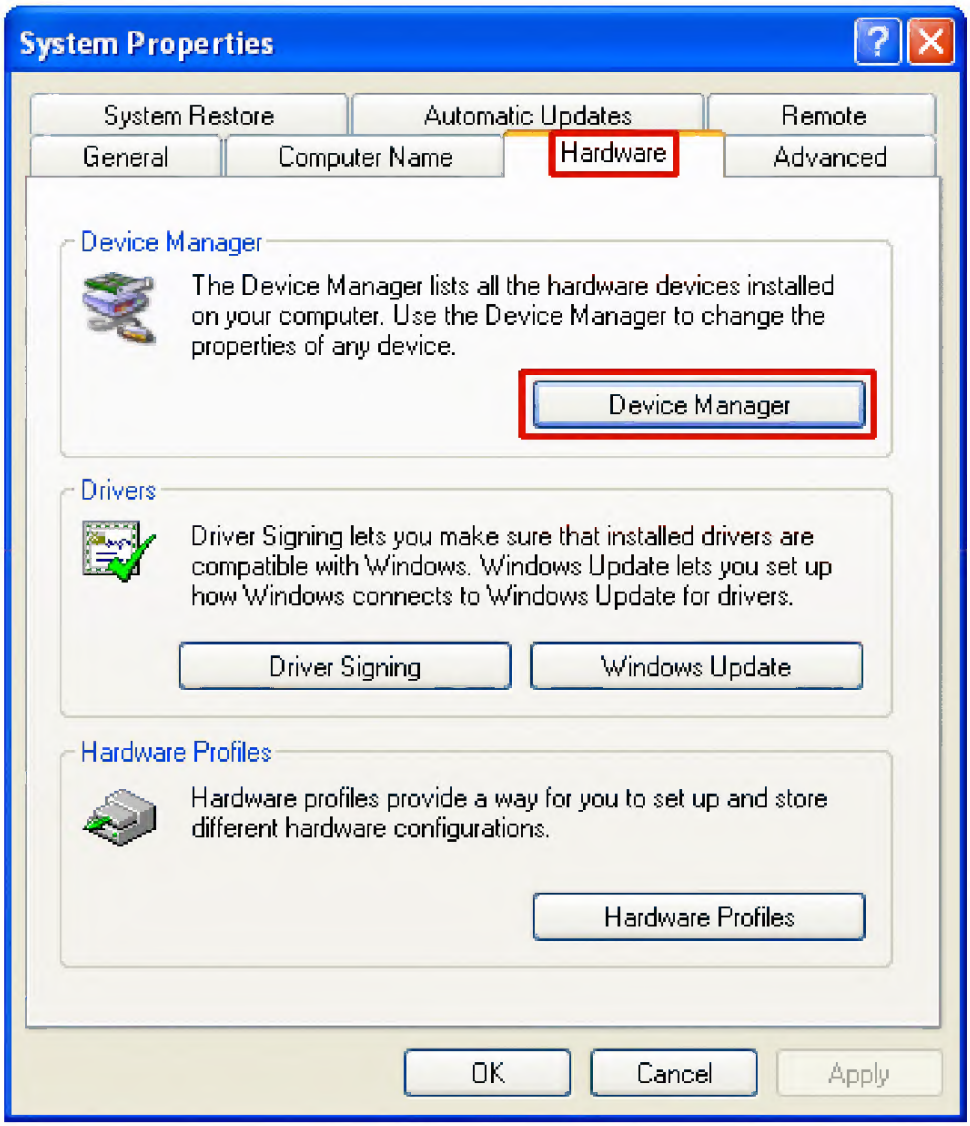
Verify Driver Installation

To verify if the driver has been installed successfully, please perform the following steps.

Step 1 Right-click on **My Computer** from your desktop and select **Properties**.

Step 2 Select the **Hardware** tab and click on **Device Manager**.


System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply

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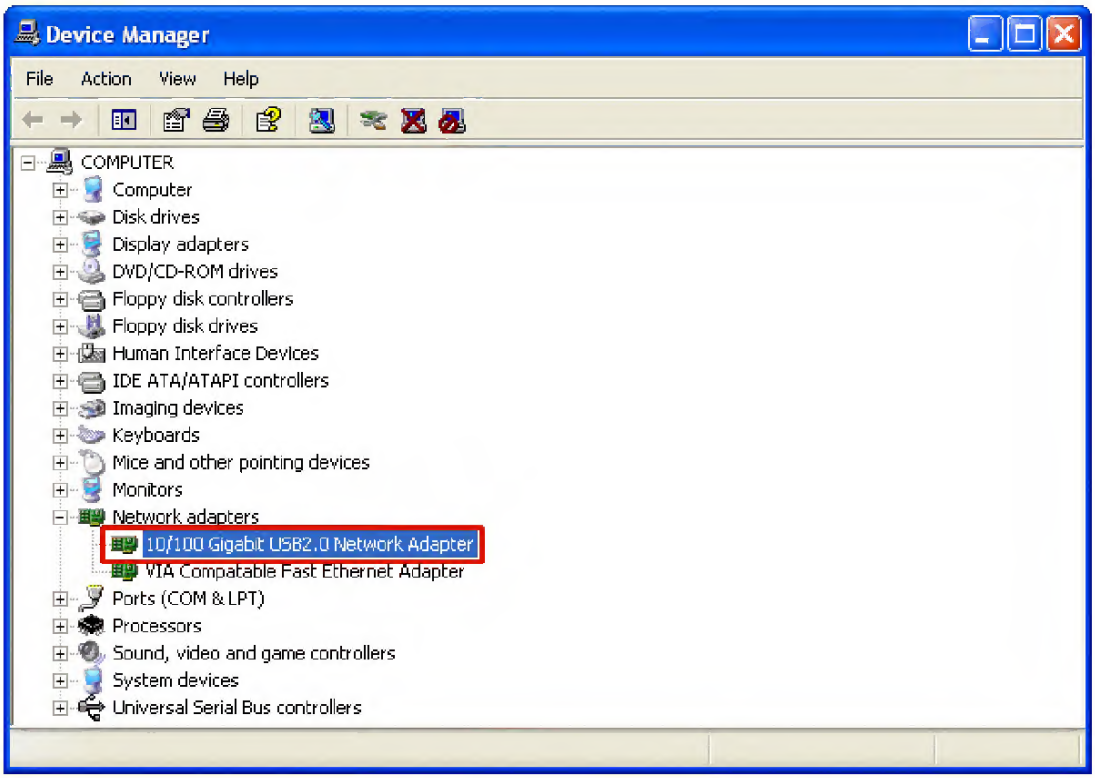
Step 3 Expand **Network adapters** from the list and verify that **10/100 Gigabit USB2.0 Network Adapter** is listed and no yellow question mark is beside it.



Congratulations! You have successfully installed the USB 2.0 Gigabit Network Adapter.

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Technical Support

E-mail: support@airlink101.com

Toll Free: 1-888-746-3238

Web Site: www.airlink101.com

*Actual throughput will vary. Network conditions and environmental factors lower actual throughput rate.

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